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Rodrigo A Pérez. *Accessibility of the Boundary of the Thurston Set.*

Consider two objects associated to the Iterated Function System (IFS) $\{\lambda z + 1, \lambda z - 1\}$: the locus \mathcal{M} of parameters $\lambda \in \mathbb{D} \setminus \{0\}$ for which the corresponding attractor is connected; and the locus \mathcal{M}_0 of parameters for which the related attractor contains 0. The set \mathcal{M} can also be characterized as the locus of parameters for which the attractor of the IFS $\{\lambda z + 1, \lambda z, \lambda z - 1\}$ contains λ^{-1} . Exploiting the asymptotic similarity of \mathcal{M} and \mathcal{M}_0 with the respective associated attractors, we give sufficient conditions on $\lambda \in \partial\mathcal{M}$ or $\partial\mathcal{M}_0$ to guarantee it is path accessible from the complement $\mathbb{D} \setminus \mathcal{M}$.

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